

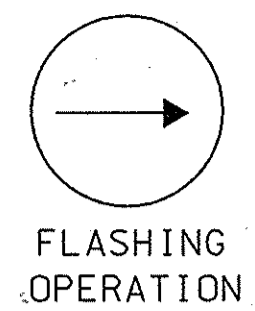
PROPOSED VIDEO DETECTION CAMERA

PROPOSED L.E.D. SIGNALS

NEMA PHASING

1,2,3,4

Y
12"



MD 135 IS ASSUMED
TO RUN IN AN
EAST-WEST DIRECTION

TO OAKLAND

TO LUKE

ALLEGHENY
POWER
#1186

SEE SPECIAL
NOTE #3

EXISTING EASEMENT

RIGHT OF WAY

LIMITS OF BORE

152

EB MD 135 153

+50

154

+50

155

+50

156

+50

WB MD 135

157

RIGHT OF WAY

EXISTING EASEMENT

EXISTING
CONCRETE SWALE

GENERAL NOTES

CONSTRUCTION DETAILS

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

- INSTALL 27 FT. MAST ARM POLE WITH 50' MAST ARM, NEMA SIZE 5 POLE MOUNTED SIGNAL CABINET, CONTROLLER, VIDEO DETECTION CAMERA, POLE MOUNTED LIGHTING CABINET, 1" GALVANIZED RISER FOR PHONE DROP AND 20' LIGHTING ARM WITH 250W HPS LUMINAIRE AND PHOTOCELL (NOTE: INSTALL 1-3 IN. & 2-2 IN. PVC CONDUIT BENDS IN POLE BASE)
- INSTALL ELECTRICAL HANDHOLE
- INSTALL METERED SERVICE PEDESTAL - EMBEDDED
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- STUB CONDUIT AT POLE BASE, ALLEGHENY POWER TO MAKE FINAL CONNECTIONS
- VIDEO DETECTION ZONE
- INSTALL 4' X 4' CONCRETE PAD FOR MAINTENANCE

SPECIAL NOTES:

- NEATLY COIL 40 FT. SLACK OF ONE 5-CONDUCTOR #14 AWG ELECTRICAL CABLE AND ONE #6 BARE COPPER GROUND WIRE IN PROPOSED HANDHOLE.
- PROPOSED CONDUIT, CANTILEVER SIGN STRUCTURE, SIGN LIGHTING SYSTEM AND SIGN SHALL BE INSTALLED AS PART OF SHA SIGNING CONTRACT #AT7165185. UPON INSTALLATION OF THE SIGN STRUCTURE AND CONDUIT, THE SIGNAL CONTRACTOR (#AT7835185) SHALL BE RESPONSIBLE FOR PULLING SIGNAL CABLES (COILED IN HANDHOLE) THROUGH THE 4" CONDUIT, SPLICING THEM IN THE SIGN STRUCTURE BASE AND MAKING FINAL CONNECTIONS TO THE LED SIGNAL HEADS MOUNTED IN THE SIGN. [SEE PLAN SHEET SN-2.1 FOR CONSTRUCTION DETAILS]
- PROPOSED LIGHTING CABINET AND ALL ASSOCIATED ELECTRICAL CABLES SHALL BE INSTALLED AS PART OF SHA SIGNING CONTRACT #AT7165185. SIGNING AND SIGNAL CONTRACTORS SHALL COORDINATE THE CONNECTION OF THE SIGNAL MOUNTED LIGHT TO THE PROPOSED LIGHTING CABINET.

SEE SPECIAL
NOTE #2

SEE SPECIAL
NOTE #1

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 135 EB - AUTOMATIC TRUCK
DETECTION WARNING SYSTEM
LUKE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE JANUARY 2007 CONTRACT NO. AT7165185/AT7835185

DESIGNED BY T. CHOWDHRY COUNTY GARRETT

DRAWN BY T. CHOWDHRY LOGMILE 11013518.90

CHECKED BY D. EBY TMS NO. H567

FAP NO. TOD NO.

TS NO. 4543 DRAWING SP-01 OF 1 SHEET NO. 1 OF 3

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV



**RUMMEL, KLEPPER
& KAHL, LLP**

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ASST. DIV. CHIEF 1-9-07	
DIVISION CHIEF 1-9-07	
OFFICE DIRECTOR 1-9-07	

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